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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF:  
ZHENG, Yuankai and WU, Yihong

Attorney Docket: 2609-0008

Group Art Unit: Unknown

Application Serial No.: 10/577,216

Examiner: Unassigned

Application Filing Date: April 26, 2006

Date: July 18, 2006

Title: **NANO-CONTACTED MAGNETIC  
MEMORY DEVICE**

Confirmation No.: Unknown

**INFORMATION DISCLOSURE STATEMENT**

Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. One copy of each non-U.S. Patent reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The submission of any document herewith, which is not a statutory bar, is not intended that any such document constitutes prior art against any of the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference against the claims of the present application.

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☒ This Information Disclosure Statement is being filed within three (3) months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

**CHARGE STATEMENT:** Deposit Account No. 501860, order no. 2609-0008.

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached

**This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.**

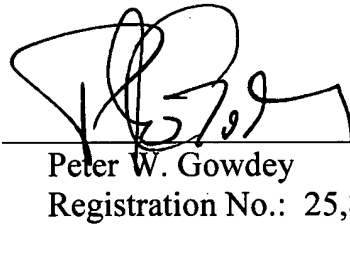
CUSTOMER NUMBER

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Respectfully submitted,

By:



Peter W. Gowdey

Registration No.: 25,872



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

FORM PTO-1449 (modified)

Sheet 1 of 2

Application No.	10/577,216
Filing Date	April 26, 2006
First Named Inventor	ZHENG, Yuankai
Group Art Unit	Unknown
Examiner Name	Unassigned
Attorney Docket No.	2609-0008
Confirmation No.	Unknown

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document
	1-1	4731757	03/15/1988	Daughton et al.
	1-2	5296716	03/22/1994	Ovshinsky et al.
	1-3	6021065	02/01/2000	Daughton et al.
	1-4	6259644	07/10/2001	Tran et al.
	1-5	6317375	11/13/2001	Perner
	1-6	6341084	01/22/2002	Numata et al.
	1-7	6535416	03/18/2003	Daughton et al.
	1-8	6597618	07/22/2003	Zheng et al.
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Examiner Signature		Date Considered	
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\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 2 of 2

Application No.	10/577,216
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First Named Inventor	ZHENG, Yuankai
Group Art Unit	Unknown
Examiner Name	Unassigned
Attorney Docket No.	2609-0008
Confirmation No.	Unknown

**NON-PATENT REFERENCES**

Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	2-1	Beech, R.S. et al. "Curie point written magnetoresistive memory", J. Appl. Phys. 87, No. 9, pp. 6403-6405, 2000.	
	2-2	Zheng, Y.K. et al. "High-thermal stability MRAM with SAF layer", IEEE Trans. MAG 40, NO. 4, pp 2248-2250, 2004.	
	2-3	Zheng, Y.K. et al. "Sub-100nm current-perpendicular-to-plane sensor fabrication", IEEE Trans. MAG. 40, No. 4, pp. 2634-2636, 2004.	
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<sup>1</sup>Translation provided.